

§ 250.1709 What are my well-control fluid requirements?

Before you displace kill-weight fluid from the wellbore and/or riser to an underbalanced state, you must obtain approval from the BSEE District Manager. To obtain approval, you must submit with your APM, your reasons for displacing the kill-weight fluid and provide detailed step-by-step written procedures describing how you will safely displace these fluids. The step-by-step displacement procedures must address the following:

- (a) Number and type of independent barriers, as described in § 250.420(b)(3), that are in place for each flow path that requires such barriers,
- (b) Tests you will conduct to ensure integrity of independent barriers,
- (c) BOP procedures you will use while displacing kill weight fluids, and
- (d) Procedures you will use to monitor the volumes and rates of fluids entering and leaving the wellbore.

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PERMANENTLY PLUGGING WELLS

§ 250.1710 When must I permanently plug all wells on a lease?

You must permanently plug all wells on a lease within 1 year after the lease terminates.

§ 250.1711 When will BSEE order me to permanently plug a well?

BSEE will order you to permanently plug a well if that well:

- (a) Poses a hazard to safety or the environment; or
- (b) Is not useful for lease operations and is not capable of oil, gas, or sulphur production in paying quantities.

§ 250.1712 What information must I submit before I permanently plug a well or zone?

Before you permanently plug a well or zone, you must submit form BSEE-0124, Application for Permit to Modify, to the appropriate District Manager and receive approval. A request for approval must contain the following information:

- (a) The reason you are plugging the well (or zone), for completions with production amounts specified by the Regional Supervisor, along with sub-

stantiating information demonstrating its lack of capacity for further profitable production of oil, gas, or sulfur;

- (b) Recent well test data and pressure data, if available;

- (c) Maximum possible surface pressure, and how it was determined;

- (d) Type and weight of well-control fluid you will use;

- (e) A description of the work;

- (f) A current and proposed well schematic and description that includes:

- (1) Well depth;

- (2) All perforated intervals that have not been plugged;

- (3) Casing and tubing depths and details;

- (4) Subsurface equipment;

- (5) Estimated tops of cement (and the basis of the estimate) in each casing annulus;

- (6) Plug locations;

- (7) Plug types;

- (8) Plug lengths;

- (9) Properties of mud and cement to be used;

- (10) Perforating and casing cutting plans;

- (11) Plug testing plans;

- (12) Casing removal (including information on explosives, if used);

- (13) Proposed casing removal depth; and

- (14) Your plans to protect archaeological and sensitive biological features, including anchor damage during plugging operations, a brief assessment of the environmental impacts of the plugging operations, and the procedures and mitigation measures you will take to minimize such impacts; and

- (g) Certification by a Registered Professional Engineer of the well abandonment design and procedures and that all plugs meet the requirements in the table in § 250.1715. In addition to the requirements of § 250.1715, the Registered Professional Engineer must also certify the design will include two independent barriers, one of which must be a mechanical barrier, in the center wellbore as described in § 250.420(b)(3). The Registered Professional Engineer must be registered in a State of the United States and have sufficient expertise